

goat internet

the goat internet protocol is similar to HTTP, but far more dark and medieval (with emphasis on the evil). it is a protocol designed to make you feel like you're summoning satan when hand-writing requests.

incantations

incantations must be made of these phonemes. they must be arranged in a consonant-vowel order.

	0) a	1) u	2) o
0) j	ja	ju	jo
1) r	ra	ru	ro
2) k	ka	ku	ko
3) t	ta	tu	to

they must describe the hour, day of week, and month in order and each in their own word. words are separated by single spaces. commas concatenate separate words into one. commas may only be in between a letter and a space. the inclusion of other characters besides the ones mentioned will cause the incantation to be invalid. only consonant values count towards numeric totals, but vowel values must add up to an odd number. for example: "takuro, katarato, kura ratuto kata" is valid for 18:00 on saturdays in may.

request form

```
<incantation>
I AM THE ONE CALLED <session id>
FROM <hostname>, I <SUMMON | ALTER | DESTROY> <file>
I OFFER THEE <content type>
    <request body>
COME FORTH.
```

the content in the body shall start with two spaces, and have all subsequent new lines be followed by two spaces. if a new line is not followed by two spaces, that denotes the end of the request body.

there are three request methods: summon, pen, and destroy. summon sends an optional request body to the server and the server sends a file back, it's a bit like a combination of get and post. alter is meant to create or replace the contents of a file, and destroy to delete the file, even though most server implementations are probably not going to honor those two.

example summon request

```
takuro, katarato, kura ratuto kata
I AM THE ONE CALLED 16ab73d927f93c
FROM holanet.xyz, I SUMMON /forum/post/
```

I OFFER THEE text/plain
boy i sure do love using this forum on the goat internet!
COME FORTH.

response to summon

IN RETURN, I GIVE THEE
<page contents>
I RETURN TO SLUMBER.

response to alter

I AM MADE ANEW.

response to destroy

IT HAS BEEN VANQUISHED.

error responses

on invalid session id

I KNOW THEE NOT.

on file not found

THAT PLACE IS BARREN.

on malformed request/bad incantation

THY LIPS HAVE STUMBLED.

on unauthorized, or bad method

THOU HAST NO POWER OVER ME.

receiving session id from server

the server can give the client a session id in any response by including this at the top of the response:

